

POWER AFRICA IN SENEGAL



Senegal Energy Sector Overview

The Government of Senegal has made power sector development a key component of its *Plan Sénégal Emergent*, which aims to make Senegal an emerging economy by 2035. The country's ability to achieve this ambitious goal depends in large part on tackling key challenges including moving away from dependence on imported fossil fuels, ensuring affordability, and expanding electricity access – particularly in rural areas.

Despite significant potential for biomass, solar and wind production, Senegal currently depends on imported fossil fuels for much of its power supply. The country has about 864 MW of installed generation capacity to serve a population of more than 14 million people, resulting in frequent outages.

Senegal's national electricity access rate is relatively high (55 percent), but this falls to below 30 percent in rural areas. The Government of Senegal has set targets to achieve 60 percent access in 2017 and universal access in 2025. Rural electrification runs on a concessions program whereby ten distinct rural electrification concession areas can be awarded to bidders in a competitive tender. To date, six of the ten concessions have been awarded and three are up and running.

Senegal Electricity Profile

864MW
Current installed
generation capacity

55%
Access to
electricity

28%
Rural access
to electricity



Source: IEA 2015

Power Africa Support

Power Africa supports Senegal's power sector through wide-ranging financial and technical assistance in cooperation with the World Bank Group, the European Commission, the Government of Japan and other development partners:

- OPIC has provided financial support to key transactions including the Cap des Biches thermal power plant, the Senergy solar PV farm, and the Taiba N'Diaye wind plant.
- USAID provided training to Senelec on utility modernization and renewable integration.
- USAID is supporting development of an energy demand model and optimal generation mix to help Senelec prepare a new Master Plan and associated least-cost investment program.
- USAID is providing ongoing transaction advisory services to energy projects and developers.

About Power Africa

Power Africa is a multi-partner initiative launched by President Obama in 2013. Power Africa's goals are to increase electricity access in sub-Saharan Africa by adding more than 30,000 megawatts of cleaner, more efficient electricity generation capacity and 60 million new home and business connections.

Power Africa works with public and private sector partners to remove barriers that impede sustainable energy development in sub-Saharan Africa and to unlock the substantial wind, solar, hydropower, natural gas, biomass, and geothermal resources on the continent.

Mobilizing Partnerships & Investments

Power Africa draws on the combined expertise and abilities of 12 U.S. Government agencies, the World Bank Group, the African Development Bank, the Government of Sweden, the Government of Norway, the Government of Canada, the UK Department for International Development, the Government of Japan, the International Renewable Energy Agency, African governments, and private sector partners.

Power Africa's "[Toolbox](#)" approach offers a range of resources to advance key projects on the electricity grid and, through the *Beyond the Grid* sub-initiative, in places where the national grid doesn't reach.

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